James C. Rush et al

Serial No.

09/800,006

Confirmation:

5256

Atty. Dkt.

STE01 P-1086

Page

2

**Amendment to the Claims:** 

This listing of the claims will replace all prior versions, and listing of the claims in this

application.

**Listing of Claims:** 

Claims 1-29 (cancelled)

Claim 30 (original) A post-to-beam connector for post and beam furniture systems of the

type having a plurality of overhead beams with slots extending along uppermost and lowermost

faces thereof, and a plurality of vertical posts having at least one outwardly extending flange

having an end face with a vertical slot extending therealong, comprising:

an elongate T-shaped central portion adapted to be attached to an end of an associated

one of the beams, and configured to be closely received in the slot in the upper portion of an

associated one of the posts;

upper and lower key portions projecting inwardly from said central portion, and being

shaped for close reception in the slots in the uppermost and lowermost faces of the associated

beam; said upper and lower key portions including horizontally extending fastener apertures

therethrough; and

a pair of T-fasteners having shank portions thereof mounted in said fastener apertures in

said upper and lower key portions, and T-shaped nut portions thereof threadedly connected

James C. Rush et al

Serial No.

09/800,006

Confirmation:

5256

Atty. Dkt.

STE01 P-1086

Page

3

with said shank portions, and shaped to be closely received in the slot of the associated post,

such that tightening said T-fasteners draws the end of the one beam and the one post together

to securely, yet detachably, interconnect the same.

Claim 31 (original). A post-to-beam connector as set forth in claim 30, including:

an outwardly projecting stop which abuts an uppermost end of the one post to locate

and retain one beam at the upper portion of the one post.

Claim 32 (original) A post-to-beam connector as set forth in claim 31, wherein:

said T-fasteners include allen head bolts.

Claim 33 (original) A post-to-beam connector as set forth in claim 32, wherein:

said central portion includes a plurality of laterally extending vertically spaced apart

fastener apertures.

Claim 34 (original) A post-to-beam connector as set forth in claim 33, including:

a plurality of fasteners extending through said fastener apertures for attaching said post-

to-beam connector to the end of the one beam.

James C. Rush et al

Serial No.

09/800,006

Confirmation:

5256

Atty. Dkt.

STE01 P-1086

Page

Claims 35-64 (cancelled)

Claim 65 (new)

A post and beam furniture system for partitioning open office space,

comprising:

a plurality of overhead beams, each having opposite ends;

a plurality of vertical posts, each having a lower portion thereof adapted to be abuttingly supported in a freestanding fashion on a floor surface of the open office space in a laterally spaced apart relationship, and an upper portion thereof operably connected with the opposite ends of said overhead beams to support said beams at a predetermined elevation above average user height; at least one of said posts having an X-shaped plan configuration defining four mutually perpendicular, outwardly extending flanges, each of which has an end face with a single T-shaped vertical slot extending centrally therealong; at least one of said posts having a Y-shaped plan configuration defining three regularly spaced apart, outwardly extending flanges, each of which has an end face with a single T-shaped vertical slot extending centrally therealong; and

a plurality of beam-to-post connectors attached to the opposite ends of said beams, and detachably retained in said slot of aligned pairs of said flanges on said posts to support said beams on said posts at said predetermined elevation.

James C. Rush et al

Serial No.

09/800,006

Confirmation:

5256

Atty. Dkt.

STE01 P-1086

Page

5

Claim 66 (new)

A furniture system as set forth in claim 65, wherein:

at least one of said beam-to-post connectors includes an outwardly projecting stop which abuts an uppermost end of an adjacent one of said posts to locate and positively retain an associated one of said beams at said predetermined elevation.

Claim 67 (new) A furniture system as set forth in claim 66, including:

at least one partition accessory configured to equip said furniture system for users, and having a mount portion thereof detachably retained in said slot of one of said posts.

Claim 68 (new) A furniture system as set forth in claim 67, wherein:

at least one of said beams has an uppermost face with a single T-shaped horizontal slot extending therealong, and a lowermost face with a single T-shaped horizontal slot extending centrally therealong; and

at least one of said beam-to-post connectors has key portions thereof detachably retained in said slots in the uppermost and lowermost faces of said one of said beams.

Claim 69 (new) A furniture system as set forth in claim 68, wherein:

said one of said beams includes opposite side faces, each of which includes a T-shaped hanger slot extending longitudinally therealong; and

James C. Rush et al

Serial No.

09/800,006

Confirmation:

5256

Atty. Dkt.

STE01 P-1086

Page

6

each of said slots in said posts and said beams is generally similar in size and shape to receive the mount portion of said accessory therein.

Claim 70 (new) A furniture system as set forth in claim 69, wherein:

said one of said beams includes integrally formed bosses with open ends at the opposite ends thereof to facilitate connecting therewith one of said beam-to-post connectors.

Claim 71 (new) A furniture system as set forth in claim 70, wherein:

said partition accessory comprises a plurality of partition accessories, each configured differently to customize said furniture system for various users.

Claim 72 (new) A furniture system as set forth in claim 71, wherein:

said partition accessories include an external wire manager with a mount portion thereof shaped to be detachably retained in one of said slots on said posts and said beams.

Claim 73 (new) A furniture system as set forth in claim 72, wherein:

said partition accessories include an in-fill panel with a mount portion thereof shaped to be detachably retained in one of said slots on said posts and said beams.

James C. Rush et al

Serial No.

09/800,006

Confirmation:

5256

Atty. Dkt.

STE01 P-1086

Page

7

Claim 74 (new)

A furniture system as set forth in claim 73, wherein:

said partition accessories include a white board with a mount portion thereof shaped to be detachably retained in one of said slots on said posts and said beams.

Claim 75 (new) A furniture system as set forth in claim 74, wherein:

said partition accessories include a workstation light with a mount portion thereof shaped to be detachably retained in one of said slots on said posts and said beams.

A furniture system as set forth in claim 65, including: Claim 76 (new)

at least one partition accessory configured to equip said furniture system for users, and having a mount portion thereof detachably retained in said slot of one of said posts.

A furniture system as set forth in claim 65, wherein: Claim 77 (new)

at least one of said beams has an uppermost face with a single T-shaped horizontal slot extending therealong, and a lowermost face with a single T-shaped horizontal slot extending centrally therealong; and

at least one of said beam-to-post connectors has key portions thereof detachably retained in said slots in the uppermost and lowermost faces of said one of said beams.

James C. Rush et al

Serial No.

09/800,006

Confirmation:

5256

Atty. Dkt.

STE01 P-1086

D.

\_

Page

8

Claim 78 (new)

A furniture system as set forth in claim 76, wherein:

at least one of said beams includes opposite side faces, each of which includes a T-shaped hanger slot extending longitudinally therealong; and

each of said slots in said posts and said beams is generally similar in size and shape to receive the mount portion of said accessory therein.

Claim 79 (new) A furniture system as set forth in claim 65, wherein:

at least one of said beams includes integrally formed bosses with open ends at the opposite ends thereof to facilitate connecting therewith one of said beam-to-post connectors.

Claim 80 (new) A post and beam furniture system for partitioning open office space, comprising:

a plurality of horizontal beams, each having opposite ends;

a plurality of vertical posts, each having a lower portion thereof adapted to be abuttingly supported in a freestanding fashion on a floor surface of the open office space in a laterally spaced apart relationship, and an upper portion thereof operably connected with the opposite ends of said beams to support said beams at a predetermined elevation; at least one of said posts having an X-shaped plan configuration defining four mutually perpendicular, outwardly extending flanges, each of which has an end face with a single T-shaped vertical slot

James C. Rush et al

Serial No.

09/800,006

Confirmation:

5256

Atty. Dkt.

STE01 P-1086

Page

9

extending centrally therealong; at least one of said posts having a Y-shaped plan configuration defining three regularly spaced apart, outwardly extending flanges, each of which has an end face with a single T-shaped vertical slot extending centrally therealong;

a plurality of beam-to-post connectors attached to the opposite ends of said beams, and detachably retained in said slot of aligned pairs of said flanges on said posts to support said beams on said posts at said predetermined elevation; and

a plurality of partition accessories to equip said furniture system, each configured differently to customize said furniture system for various users, and having a mount portion thereof detachably retained in said slot of one of said posts.

Claim 81 (new) A furniture system as set forth in claim 80, wherein:

at least one of said beams includes opposite side faces, each of which includes a T-shaped hanger slot extending longitudinally therealong; and

each of said slots in said posts and said beams is generally similar in size and shape to receive the mount portion of said accessories therein.

Claim 82 (new) A furniture system as set forth in claim 81, wherein:

said partition accessories include an external wire manager with a mount portion thereof shaped to be detachably retained in one of said slots on said posts and said beams.

James C. Rush et al

Serial No.

09/800,006

Confirmation:

5256

Atty. Dkt.

STE01 P-1086

Page

10

A furniture system as set forth in claim 82, wherein: Claim 83 (new)

said partition accessories include an in-fill panel with a mount portion thereof shaped to be detachably retained in one of said slots on said posts and said beams.

A furniture system as set forth in claim 83, wherein: Claim 84 (new)

said partition accessories include a white board with a mount portion thereof shaped to be detachably retained in one of said slots on said posts and said beams.

A furniture system as set forth in claim 84, wherein: Claim 85 (new)

said partition accessories include a workstation light with a mount portion thereof shaped to be detachably retained in one of said slots on said posts and said beams.

Claim 86 (new) A furniture system as set forth in claim 85, wherein:

at least one of said beams has an uppermost face with a single T-shaped horizontal slot extending therealong, and a lowermost face with a single T-shaped horizontal slot extending centrally therealong; and

at least one of said beam-to-post connectors has key portions thereof detachably retained in said slots in the uppermost and lowermost faces of said one of said beams.

James C. Rush et al

Serial No.

09/800,006

Confirmation:

5256

Atty. Dkt.

STE01 P-1086

Page

11

Claim 87 (new) A furniture system as set forth in claim 88, wherein:

at least one of said beam-to-post connectors includes an outwardly projecting stop which abuts an uppermost end of an adjacent one of said posts to locate and positively retain an associated one of said beams at said predetermined elevation.

Claim 88 (new) A furniture system as set forth in claim 80, wherein:

at least one of said beams has an uppermost face with a single T-shaped horizontal slot extending therealong, and a lowermost face with a single T-shaped horizontal slot extending centrally therealong; and

at least one of said beam-to-post connectors has key portions thereof detachably retained in said slots in the uppermost and lowermost faces of said one of said beams.

Claim 89 (new) A furniture system as set forth in claim 80, wherein:

at least one of said beams includes integrally formed bosses with open ends at the opposite ends thereof to facilitate connecting therewith one of said beam-to-post connectors.

Claim 90 (new) In a post and beam furniture system for partitioning open office space, the improvement comprising:

James C. Rush et al

Serial No.

09/800,006

Confirmation:

5256

Atty. Dkt.

3230

Ally. DK

STE01 P-1086

Page

12

at least one horizontal beam having opposite ends;

at least two vertical posts, each having a lower portion thereof adapted to be abuttingly supported in a freestanding fashion on a floor surface of the open office space in a laterally spaced apart relationship, and an upper portion thereof operably connected with an associated one of the opposite ends of said overhead beam to support said beam at a predetermined elevation; said posts each having an X-shaped plan configuration defining four mutually perpendicular, outwardly extending flanges, each of which has an end face with a single T-shaped vertical slot extending centrally therealong; and

at least two beam-to-post connectors attached to the opposite ends of said beam, and detachably retained in said slot of an aligned pair of said flanges on said posts to support said beam on said posts at said predetermined elevation.

Claim 91 (new) A furniture system as set forth in claim 90, including:

at least one partition accessory configured to equip said furniture system for users, and having a mount portion thereof detachably retained in said slot of one of said posts.

Claim 92 (new) A furniture system as set forth in claim 90, wherein:

James C. Rush et al

Serial No.

09/800,006

Confirmation:

5256

Atty. Dkt.

STE01 P-1086

Page

said beam has an uppermost face with a single T-shaped horizontal slot extending therealong, and a lowermost face with a single T-shaped horizontal slot extending centrally therealong; and

at least one of said beam-to-post connectors has key portions thereof detachably retained in said slots in the uppermost and lowermost faces of said beam.

A furniture system as set forth in claim 90, wherein: Claim 93 (new)

said beam includes opposite side faces, each of which includes a T-shaped hanger slot extending longitudinally therealong; and

each of said slots in said posts and said beams is generally similar in size and shape.

A furniture system as set forth in claim 90, wherein: Claim 94 (new)

said beam includes integrally formed bosses with open ends at the opposite ends thereof to facilitate connecting the same with one of said beam-to-post connectors.

In a post and beam furniture system for partitioning open office space, Claim 95 (new) the improvement comprising:

at least one horizontal beam having opposite ends;

James C. Rush et al

Serial No.

09/800,006

Confirmation:

5256

Atty. Dkt.

STE01 P-1086

Page

at least two vertical posts, each having a lower portion thereof adapted to be abuttingly supported in a freestanding fashion on a floor surface of the open office space in a laterally spaced apart relationship, and an upper portion thereof operably connected with an associated one of the opposite ends of said overhead beam to support said beam at a predetermined elevation; said posts each having a Y-shaped plan configuration defining three regularly spaced apart, outwardly extending flanges, each of which has an end face with a single T-shaped vertical slot extending centrally therealong; and

at least two beam-to-post connectors attached to the opposite ends of said beam, and detachably retained in said slot of an aligned pair of said flanges on said posts to support said beam on said posts at said predetermined elevation.

A furniture system as set forth in claim 95, including: Claim 96 (new)

at least one partition accessory configured to equip said furniture system for users, and having a mount portion thereof detachably retained in said slot of one of said posts.

A furniture system as set forth in claim 95, wherein: Claim 97 (new)

said beam has an uppermost face with a single T-shaped horizontal slot extending therealong, and a lowermost face with a single T-shaped horizontal slot extending centrally therealong; and

James C. Rush et al

Serial No.

09/800,006

Confirmation:

5256

Atty. Dkt.

STE01 P-1086

Page

15

at least one of said beam-to-post connectors has key portions thereof detachably retained in said slots in the uppermost and lowermost faces of said beam.

A furniture system as set forth in claim 95, wherein: Claim 98 (new)

said beam includes opposite side faces, each of which includes a T-shaped hanger slot extending longitudinally therealong; and

each of said slots in said posts and said beams is generally similar in size and shape.

A furniture system as set forth in claim 95, wherein: Claim 99 (new)

said beam includes integrally formed bosses with open ends at the opposite ends thereof to facilitate connecting the same with one of said beam-to-post connectors.